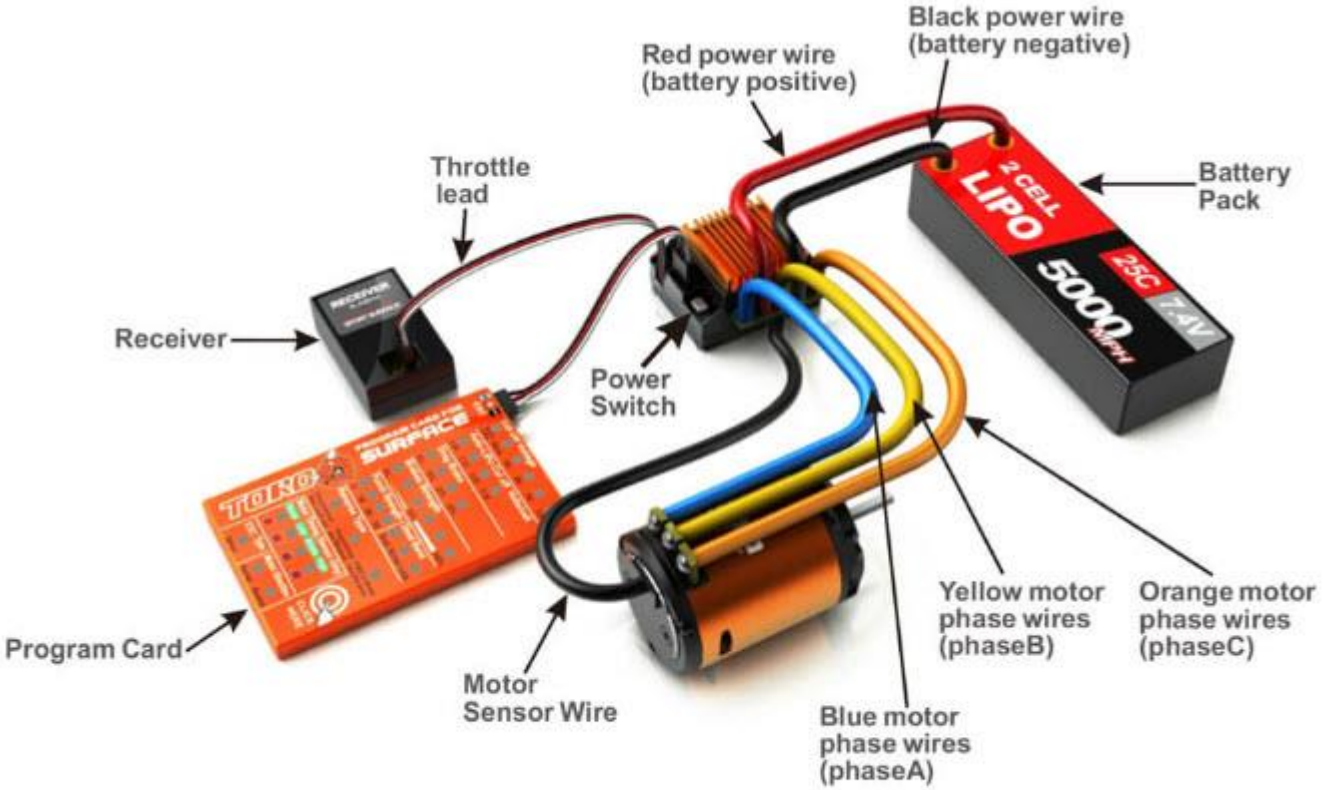
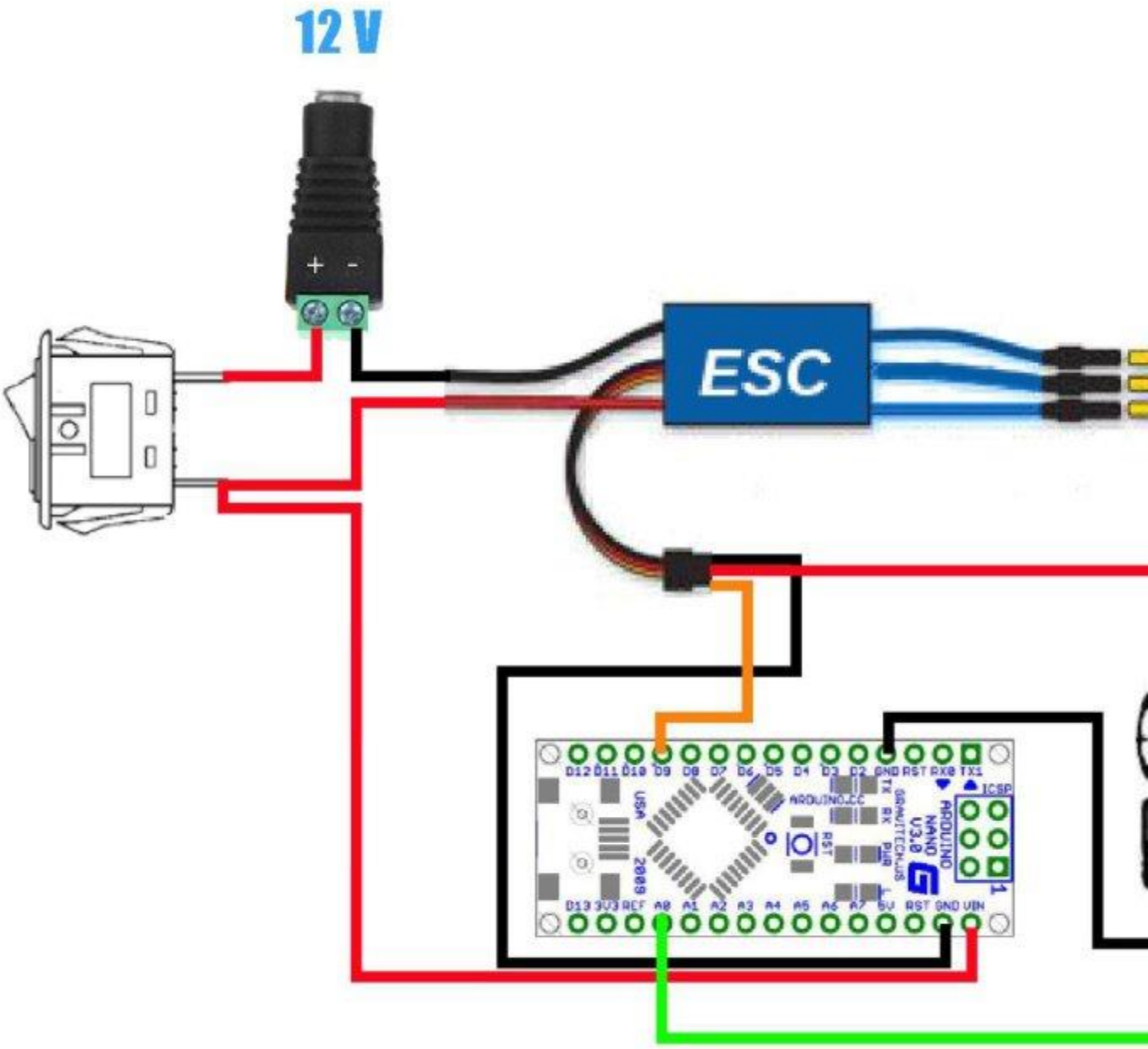
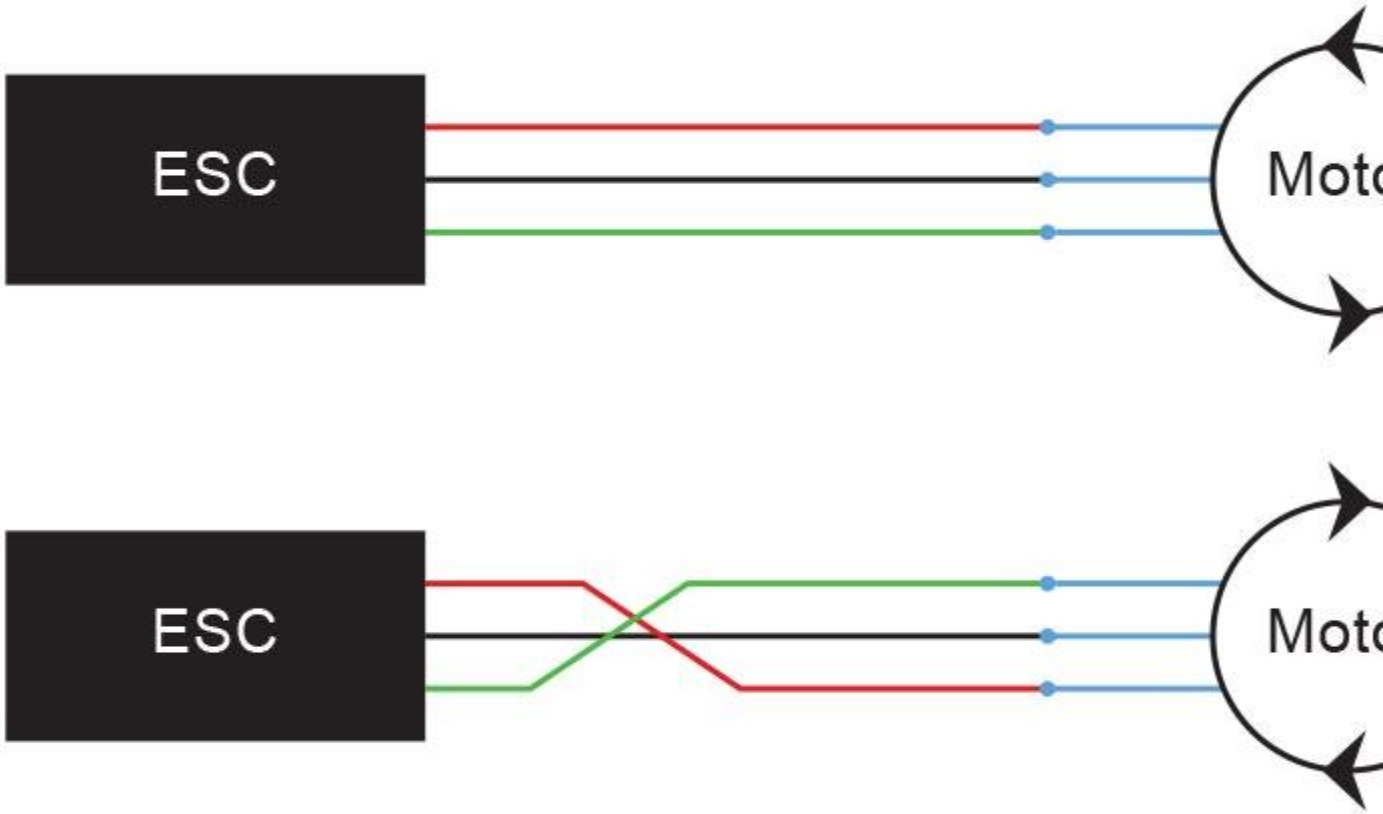
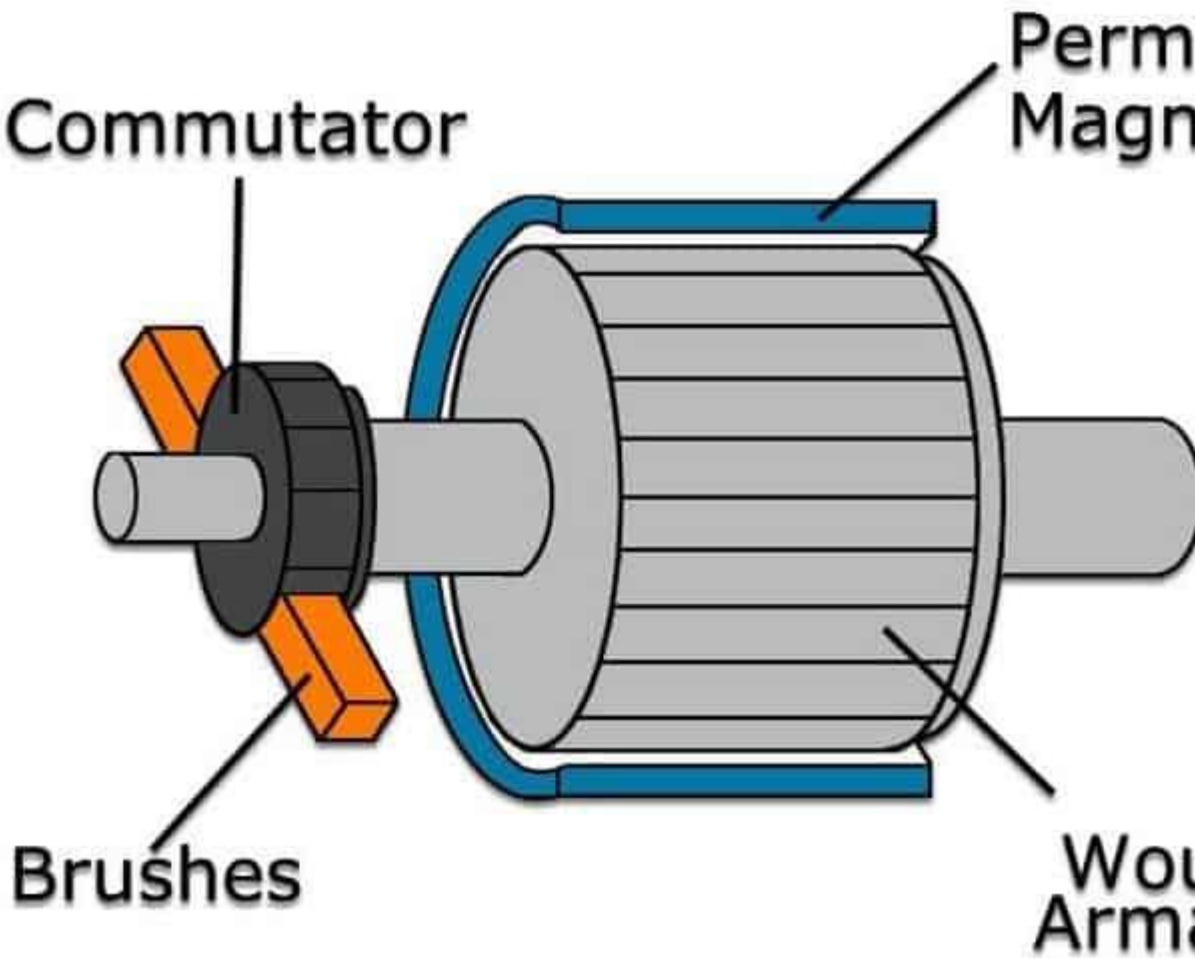
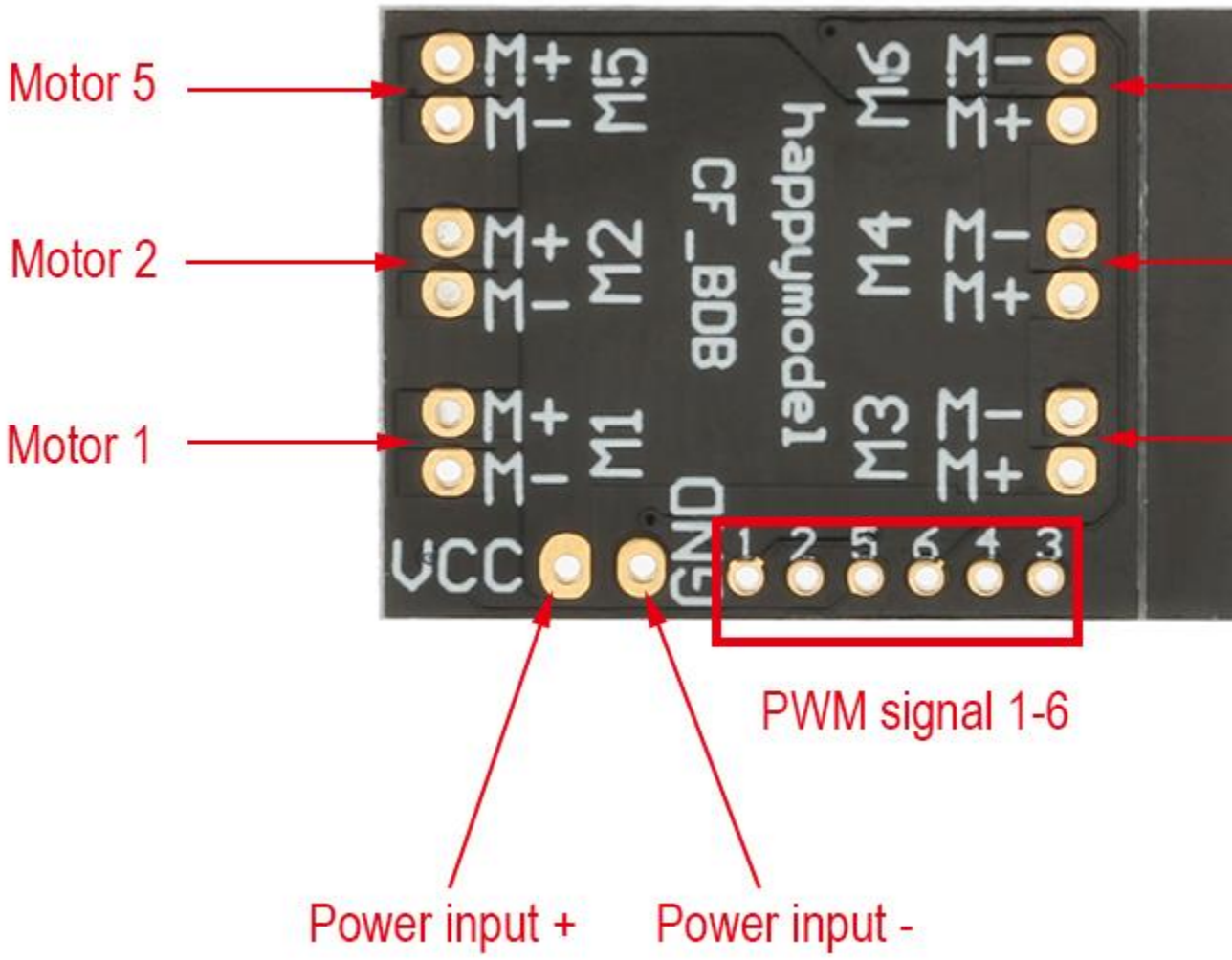
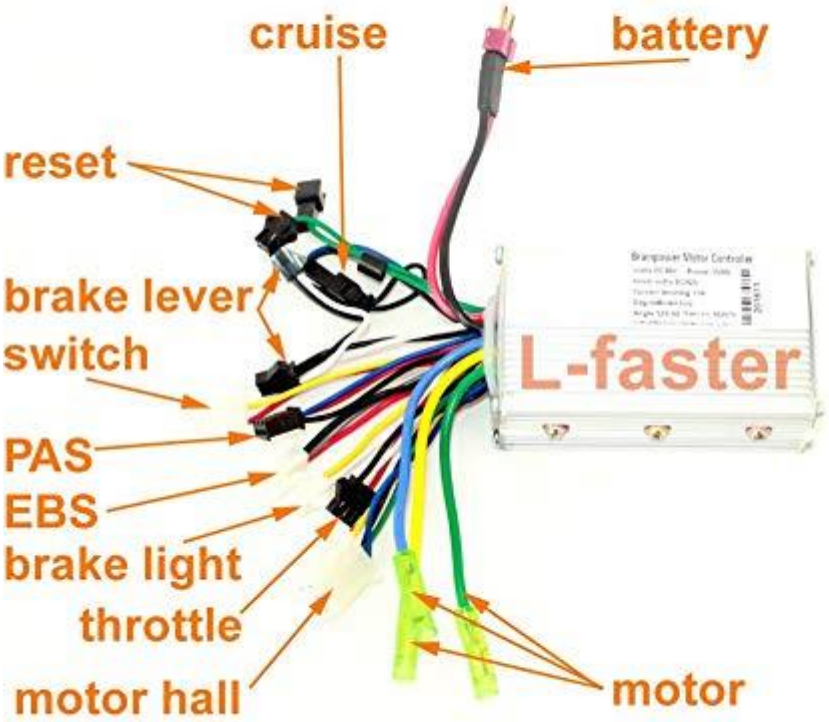

Black power wire
(battery negative)
Red power wire
(battery positive)
Throttle
lead
Battery
Pack
Receiver
Power
Switch
Program Card
Motor
Sensor Wire
Yellow motor
phase wires
(phaseB)
Orange motor
phase wires
(phaseC)
Blue motor
phase wires
(phaseA)
2 CELL
LIPO
25C
7.4V
5000
SURFACE
TOKO


12 V
+ -
ESC
D12 D11 D10 D9 D8 D7 D6 D5 D4 D3 D2 GND RST RX0 TX1
ICSP
ARDUINO.CC
USA
2009
RST
GRAVITECH.US
ARDUINO
NANO
V3.0
D13 3V3 REF A0 A1 A2 A3 A4 A5 A6 A7 5V RST GND VIN


ESC
Moto
ESC
Moto


Commutator
Perm
Magn
Brushes
Wou
Arma


Motor 5
Motor 2
Motor 1
M+
M-
M5
M2
M1
M6
M4
M3
CF_BOB
happymodel
VCC
GND
1 2 5 6 4 3
PWM signal 1-6
Power input +
Power input -


cruise
battery
reset
brake lever
switch
PAS
EBS
brake light
throttle
motor hall
motor
L-faster